

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5397812

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
ABC SERVICES GROUP, INC.		10/24/2018
RECEIVING PARTY DATA		
Name:	FANTASY SHINE LIMITED	
Street Address:	FLAT D, 12/F, TOWER 1, THE RIVERPARK	
Internal Address:	8 CHE KUNG MIU RD.	
City:	SHATIN	
State/Country:	HONG KONG	
PROPERTY NUMBERS Total: 21		
Property Type	Number	
Application Number:	10759807	
Application Number:	11801735	
Application Number:	11973883	
Application Number:	11983205	
Application Number:	12009386	
Application Number:	12173995	
Application Number:	12178209	
Application Number:	12411210	
Application Number:	13015013	
Application Number:	13170382	
Application Number:	13902514	
Application Number:	14288577	
Application Number:	14339210	
Application Number:	15009323	
Application Number:	15402967	
Application Number:	11298098	
Application Number:	13467539	
Application Number:	15169356	
Application Number:	60440709	
Application Number:	60850883	

PATENT

Property Type	Number
Application Number:	60857750

CORRESPONDENCE DATA

Fax Number: (510)663-0920

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: mcalavita@wavsip.com

Correspondent Name: WEAVER AUSTIN VILLENEUVE & SAMPSON LLP

Address Line 1: P.O. BOX 70250

Address Line 4: OAKLAND, CALIFORNIA 94612-0250

ATTORNEY DOCKET NUMBER:	DSI1P001 ET AL.
NAME OF SUBMITTER:	MICHELLE CALAVITA
SIGNATURE:	/Michelle Calavita/
DATE SIGNED:	02/28/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 13

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EXHIBIT E

ASSIGNMENT OF INTELLECTUAL PROPERTY

This ASSIGNMENT OF INTELLECTUAL PROPERTY ("Assignment") is made as of this 24th day of October 2018 by ABC Services Group, Inc., a Delaware corporation ("Seller"), as the assignee under a general assignment for the benefit of creditors of CBRITE, Inc., a Delaware corporation, to Fantasy Shine Limited ("Buyer").

WITNESSETH:

WHEREAS, Seller and Buyer have entered into that certain Asset Purchase Agreement dated as of October __, 2018 (the "Agreement"). Capitalized terms that are used but not otherwise defined herein shall have the respective meanings ascribed thereto in the Agreement.

WHEREAS, pursuant to the Agreement, Seller has agreed, among other things, to sell, assign, transfer, convey and deliver, and Buyer has agreed to purchase, acquire and accept, the Acquired Assets, in each case all upon the terms and subject to the conditions set forth therein.

WHEREAS, pursuant to Section 2.1 of the Agreement, Seller desires to sell, assign, transfer, convey and deliver to Buyer all right, title and interest in, to and under all of the Intellectual Property.

NOW, THEREFORE, in consideration of the premises and the mutual agreements and covenants hereinafter set forth, and intending to be legally bound hereby, Seller and Buyer hereby agree as follows:

1. **Assignment.** Seller hereby sells, assigns, transfers, conveys and delivers to Buyer, its successors and assigns, all right, title and interest in, to and under all the Intellectual Property assigned by CBRITE, Inc. (a Delaware Corporation) to Seller, including, without limitation, the Intellectual Property set forth in Exhibit B of the Agreement, the same to be held and enjoyed by Buyer for its own use and enjoyment, and for the use and enjoyment of its successors, assigns and other legal representatives, to the end of the term or terms for which the Intellectual Property is or may be licensed, granted or reissued as entirely as the same would have been held and enjoyed by Seller had this sale, assignment, transfer, conveyance and delivery not been made (excluding any actions by Buyer following such sale, assignment, transfer, conveyance and delivery); together with all claims for damages by reason of past infringements of the Intellectual Property, with the right to sue for and collect the same for Buyer's own use and benefit, and for the use and on behalf of Buyer's successors, assigns and other legal representatives. Seller acknowledges that Seller shall have no further rights to the Intellectual Property assigned in this paragraph to Buyer, including, without limitation, any licenses to the Intellectual Property, and that any further modification, improvement or invention by Buyer based on or in connection with the Intellectual Property will be solely owned by Buyer.

2. **Power of Attorney.** Seller hereby constitutes and appoints Buyer as Seller's true and lawful attorney in fact, with full power of substitution in Seller's name and stead, to take any and all steps, including proceedings at law, in equity or otherwise, to execute, acknowledge and deliver any and all instruments and assurances necessary or expedient in order to vest or perfect the aforesaid rights and causes of action more effectively in Buyer or to protect the same or to enforce any claim or right of any kind with respect thereto. Seller hereby declares that the foregoing power is coupled with an interest and as such is irrevocable.

3. **Further Assurances.** At any time and from time to time after the date hereof, at Buyer's reasonable request and without further consideration therefor, Seller agrees that it will execute and deliver to Buyer such other documents or instruments, or provide such materials and information and take such other actions, as may reasonably be necessary (i) to perfect the assignment, transfer, and conveyance to Buyer, (ii) to confirm Buyer's title or rights in or to, all of the Intellectual Property assigned, transferred and conveyed by Seller to Buyer pursuant hereto, (iii) to put Buyer in actual possession and control of the Intellectual Property (such as Trade Secrets and Technology) assigned, transferred and conveyed by Seller to Buyer pursuant hereto to the full extent permitted by applicable law, and (iv) to assist Buyer in exercising and enjoying all rights and benefits appurtenant thereto.

4. **Conflict with Agreement.** Buyer and Seller hereby acknowledge and agree that the provisions of this Assignment shall not limit nor enlarge the full force and effect of the terms and provisions of the Agreement, and that in the event of a conflict between the terms and provisions of this Assignment and the terms and provisions of the Agreement, the terms and provisions of the Agreement shall prevail, govern and control in all respects without limitation.

5. **Amendments; Waiver.** This Assignment may not be amended, modified or supplemented except (a) by an instrument in writing signed by, or on behalf of, the parties hereto or (b) by a waiver. Any such extension or waiver shall be valid only if set forth in an instrument in writing signed by the party to be bound thereby. Any waiver of any term or condition shall not be construed as a waiver of any subsequent breach or a subsequent waiver of the same term or condition, or a waiver of any other term or condition, of this Assignment. The failure of any party to assert any of its rights hereunder shall not constitute a waiver of any of such rights.

6. **Headings; Interpretation.** The descriptive headings contained in this Assignment are for convenience of reference only and shall not affect in any way the meaning, construction or interpretation of this Assignment. The parties have participated jointly in the negotiation and drafting of this Assignment. In the event an ambiguity or question of intent or interpretation arises, this Assignment shall be construed as if drafted jointly by the parties, and no presumption or burden of proof shall arise favoring or disfavoring any party by virtue of the authorship of any provisions of this Assignment.

7. **Severability.** If any term or other provision of this Assignment is invalid, illegal or incapable of being enforced by any Law or public policy, all other terms and

provisions of this Assignment shall nevertheless remain in full force and effect so long as the economic or legal substance of the transactions contemplated hereby is not affected in any manner materially adverse to any party. Upon such determination that any term or other provision is invalid, illegal or incapable of being enforced, the parties hereto shall negotiate in good faith to modify this Assignment so as to effect the original intent of the parties as closely as possible in an acceptable manner in order that the transactions contemplated hereby are consummated as originally contemplated to the greatest extent possible.

8. **Assignment.** This Assignment shall be binding on and shall inure to the benefit of, the parties hereto and their respective successors and assigns.

9. **Governing Law.** IN ALL RESPECTS, INCLUDING ALL MATTERS OF CONSTRUCTION, VALIDITY AND PERFORMANCE, THIS AGREEMENT AND THE OBLIGATIONS OF EACH PARTY ARISING HEREUNDER SHALL BE GOVERNED BY, AND CONSTRUED AND ENFORCED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF CALIFORNIA APPLICABLE TO CONTRACTS EXECUTED IN AND TO BE PERFORMED ENTIRELY WITHIN SUCH STATE, WITHOUT REGARD TO THE PRINCIPLES THEREOF REGARDING CONFLICT OF LAWS.

10. **Counterparts.** This Assignment may be executed in one or more counterparts, and by the different parties hereto in separate counterparts, each of which when executed shall be deemed to be an original but all of which taken together shall constitute one and the same agreement.

IN WITNESS WHEREOF, Seller and Buyer have caused this Assignment to be executed as of the date first written above by their respective officers thereunto duly authorized.

BUYER:

Fantasy Shine Limited

By: 

Its: Director

ABC Services Group, Inc. a Delaware corporation, solely in its capacity as the assignee for the benefit of the creditors of CBRITE, Inc.,

By: 

Charles Klaus

Its: President

EXHIBIT B
LIST OF PATENTS

Title	Application Filing Date	Country	Application Serial Number Patent #	Inventors & Date of Assignment	Publication Date Publication #	Attorney Docket #
Display Employing Organic Material	1/16/04	USA	10/755,807 Patent # US 7,405,775	Boc Nilsson	9/16/2004 US20040179146	DS1P001US
Two-Terminal Switching Devices and their Methods of Fabrication	5/9/07	USA	Patent Granted 7,898,042 3/1/11	Gang Yu, Chan-Long Shieh, HC Lee 9/26/2007	5/8/2008 20080105870	DS1P007
Electro-Optic Display	10/9/07	USA	11/973,883 Patent # US 7,929,199	Yelena Lipovetskaya Brian Gobrogge 12/10/2007	5/1/2008 US20080100907	DS1P003
Metal-Insulator-Metal (MIM) Devices and their Methods of Fabrication	11/6/07	USA	11/983,205 PATENT ISSUED 8,222,077 7/17/12	Gong Yang, Yu, Nilsson, Shieh, Lee, Foong 3/1/2010	7/17/2008 20080169464	DS1P005

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Display Employing Organic Material	1/17/02	USA	12/009,386 Patent Granted US 7,528,896	Boc Nilsson	Publication Date Publication #	DS1P001C1
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Metal Oxide TFT with Improved Carrier Mobility	7/16/08	USA	12/173,995 Patent Issued 7,812,346 10/12/2010	Chan-Long Shieh, Gang Yu 4/13/09	Pub Date: 01/21/2010 Pub# 2010-0012932	DS1P012 (4674-A14)
Active Matrix Organic Light Emitting Device with MO TFT Backplane	7/23/08	USA	12/178,209 Patent Issued 7,977,888 July 12, 2011	Chan-Long Shieh, Gang Yu 6/16/09	Pub Date: 01/28/2010; Pub#: 2010-0019856	DS1P013 (4674-A15)

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Display Employing Organic Material	3/25/09	USA	PATENT ISSUED 8,253,910 8/28/12	Boc Nilsson	9/10/2009 US20090224236	DS1P001C1D1
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Title	Application Filing Date	Country	Application Serial Number Patent #	Inventors & Date of Assignment	Publication Date Publication #	Attorney Docket #
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Metal Oxide TFT with Improved Carrier Mobility	1/12/11	India	PCT/US2009/050542 WO 2010/069128 IN 264/DEL/NP/2011	Chan-Long Shieh, Gang Yu 4/13/09	Published	DSHP012IN (4674-A14PCIN)
Metal Oxide TFT with Improved Carrier Mobility	1/13/11	Japan	JP P2011-518841 Patent Granted 4/28/2016 P5926852	Chan-Long Shieh, Gang Yu 4/13/09	Published	DSHP012JP (4674-A14PCJP)
Metal Oxide TFT with Improved Carrier Mobility	1/14/11	China	PCT/US2009/050542 CN 200980127697.6 Patent Granted 5/21/14 ZL200980127697.6	Chan-Long Shieh, Gang Yu 4/13/09	Pub Date: 8/15/2011 Pub#: 102088381	DSHP012CN (4674-A14PCCN)
Active Matrix Organic Light Emitting Display	1/21/11	China	WO 2010/11729 CN 200980128733.0 Patent Issued ZL200980128733.0	Chan-Long Shieh, Gang Yu 4/13/09	Pub Date: 6/22/2011 Pub #102105927	4674-A15PCCN
Two-Terminal Switching Devices and their Methods of Fabrication	1/27/11	USA	13/015,013 Patent Granted 6/5/12 8,193,594	Gang Yu Chan-Long Shieh HC Lee 9/26/2007	6/23/2011 US-2011-0147761-A1	DSHP007C1
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Title	Application Filing Date	Country	Application Serial Number Patent #	Inventors & Date of Assignment	Publication Date Publication #	Attorney Docket #
<i>Redacted</i>						8/3/18 10:31 AM
Full Color Active Matrix Organic Light Emitting Display with Hybrid	6/28/11	USA	13/170,382 Patent Issued 8,742,658 June 3, 2014	Gang Yu, Chan-Long Shieh 5/14/2013	Pub Date: 12/22/2011 Pub No. US 2011- 0309389 A1	DSHP013X1 (4674-A18)
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Title	Application Filing Date	Country	Application Serial Number Patent #	Inventors & Date of Assignment	Publication Date Publication #	8/3/18 10:31 AM Attorney Docket #
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Full Color Active Matrix Organic Light Emitting Display with Hybrid	6/28/12	China	201210224317.4 Patent Granted ZL201210224317.4 December 21, 2016	Gang Yu, Chan-Long Shieh 12/31/2012	Pub Date: 2/20/2013 Pub No. CN 102938411A	DSHP013X1CN 4674-A151CN
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Title	Application Filing Date	Country	Application Serial Number Patent #	Inventors & Date of Assignment	Publication Date Publication #	Attorney Docket #
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Stable High Mobility MOTFT and Fabrication at Low Temperature	5/24/13	USA	13/902,514 Patent Issued 5/31/2016 9,356,156	Chan-Long Shieh, Gang Yu, Fatt Foong, Juergen Musolf 8/14/2013	Pub Date 11/27/2014 Pub No: US-2014-0346495,A1	DS11P014 (4674-A29)
<i>Redacted</i>						

Title	Application Filing Date	Country	Application Serial Number Patent #	Inventors & Date of Assignment	Publication Date Publication #	Attorney Docket #
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Full Color Active Matrix Organic Light Emitting Display with Hybrid	5/28/14	USA	14/288,577 Patent Issued 9,257,490 2/9/2016	Chan-Long Shieh Gang Yu 10/1/2014	Pub Date: 9/18/2014 Pub. No. 2014-0273319-A1	4674-A15ID
Two Terminal Electronic Devices and Their Methods of Fabrication	7/23/14	USA	14/339,210 Patent Issued 9,741,901 8/22/2017	Gang Yu, Chan-Long Shieh, Zhao Chen 9/22/2014	1/15/2015 Pub No. US-2015-0014627-A1	DSHP007C2X1

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Title	Application Filing Date	Country	Application Serial Number Patent #	Inventors & Date of Assignment	Publication Date Publication #	8/3/18 10:31 AM Attorney Docket #
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Stable High Mobility MOTFT and Fabrication at Low Temperature	11/18/15	Europe	14801432.7	Chan-Long Shieh, Gang Yu, Fatt Foong, Juergen Musolf 8/14/2013	Pub date: 4/13/2016 Pub #: 3085420	DSI1P014EP 4674-A29PCEP
Metal Oxide TFT with Improved Carrier Mobility	12/14/15	Europe	EP: 15199854.7	Chan-Long Shieh, Gang Yu	Pub Date: 4/27/2016 Pub #: 3012869	DSI1P012EPD 4674-A14PCEPD
Stable High Mobility MOTFT and Fabrication at Low Temperature	12/15/15	Korea	10-2015-7035554	Chan-Long Shieh, Gang Yu, Fatt Foong, Juergen Musolf 8/14/2013		DSI1P014KR 4674-A29PC-KR
Stable High Mobility MOTFT and Fabrication at Low Temperature	1/13/16	Japan	PCT/US2014/037191 Jap App No: 2016-515344	Chan-Long Shieh, Gang Yu, Fatt Foong, Juergen Musolf 8/14/2013	Pub Date: 6/30/2016 Pub No: 2016-519443	DSI1P014JP 4674-A29PCJP
Full Color Active Matrix Organic Light Emitting Display with Hybrid	1/28/16	USA	Patent issued 9/5/2017 9,755,004	Chan-Long Shieh, Gang Yu 6/1/2016	Pub Date: 5/9/2016 Pub No: US-2016-0163774-A1	DSI1P013X1D1C1 (4674-A15D2)
Metal Oxide TFT with Improved Carrier Mobility	2/4/16	Japan	P2016-018636 patent granted, will be issued	Chan-Long Shieh, Gang Yu 4/13/09		DSI1P012JPD1 (4674-A14PCJPD)

Title	Application Filing Date	Country	Application Serial Number Patent #	Inventors & Date of Assignment	Publication Date Publication #	8/3/19 10:31 AM Attorney Docket #
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Title	Application Filing Date	Country	Application Serial Number Patent #	Inventors & Date of Assignment	Publication Date Publication #	Attorney Docket #
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Method of Fabricating on a Substrate a Semiconductor Device and Semiconductor Device	5/5/2014 priority date 7/14/2009	China	201410167523.1 priority application 200900127697.6 Patent No 2579710 8/8/2017	Chan-Long Shieh, Gang Yu 4/13/09		DSHP012CND1 (4674-A14PCCND)
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